



Map projection: Transverse Mercator  
Central Meridian: 101°  
North American Datum 1983

- SYMBOLS**
- Major highways
  - Railways
  - Federal and provincial parks
  - Provincial boundary
  - DLS system (township/range grid)
  - Manitoba Geological Survey data
  - Manitoba Petroleum Branch data
  - Saskatchewan data
  - Formation edge (subcrop, outcrop)
  - Large-scale geological structure
  - Limit of Phanerozoic outcrop



### Targeted Geoscience Initiative (TGI) WILLISTON BASIN ARCHITECTURE AND HYDROCARBON POTENTIAL

## Mississippian Charles Formation, Midale Beds, Midale Evaporite: Isopach

Stratigraphic Map SM2008-MME-1

Contour Interval: 0.5 metre Scale: 1:11 000 000



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Digital release only; maps can be downloaded free of charge in PDF format at [www.manitoba.ca/minerals](http://www.manitoba.ca/minerals) or [www.WillistonTGI.com](http://www.WillistonTGI.com)

**Suggested Reference:**  
 TGI Williston Basin Working Group 2008: Mississippian Charles Formation, Midale Beds, Midale Evaporite: Isopach; Manitoba Science, Technology, Energy and Mines, Manitoba Geological Survey, Stratigraphic Map SM2008-MME-1, scale 1:11 000 000, URL: [www.WillistonTGI.com](http://www.WillistonTGI.com).